

FIG. 1A

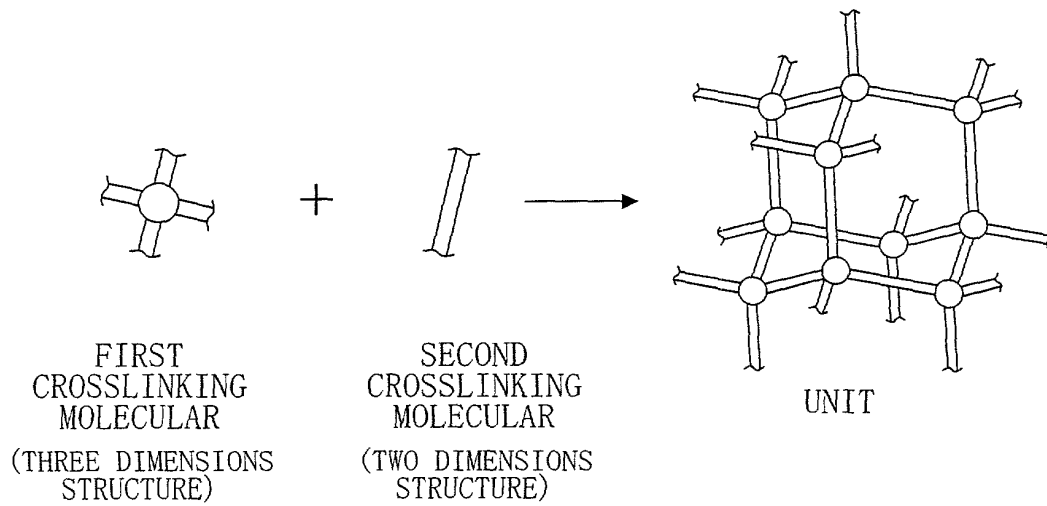


FIG. 1B

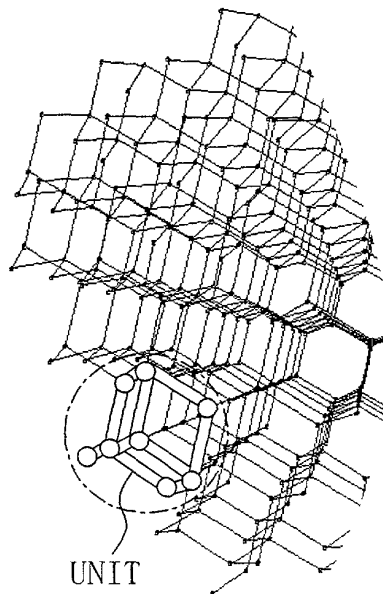


FIG. 2A

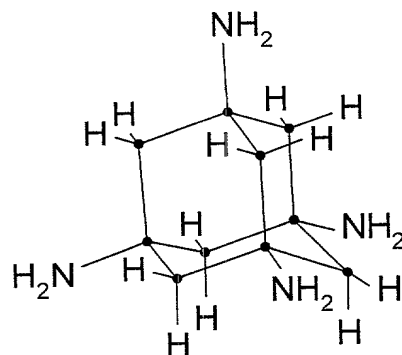


FIG. 2B

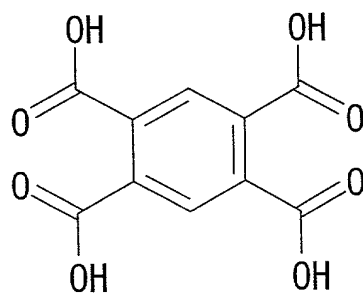


FIG. 3

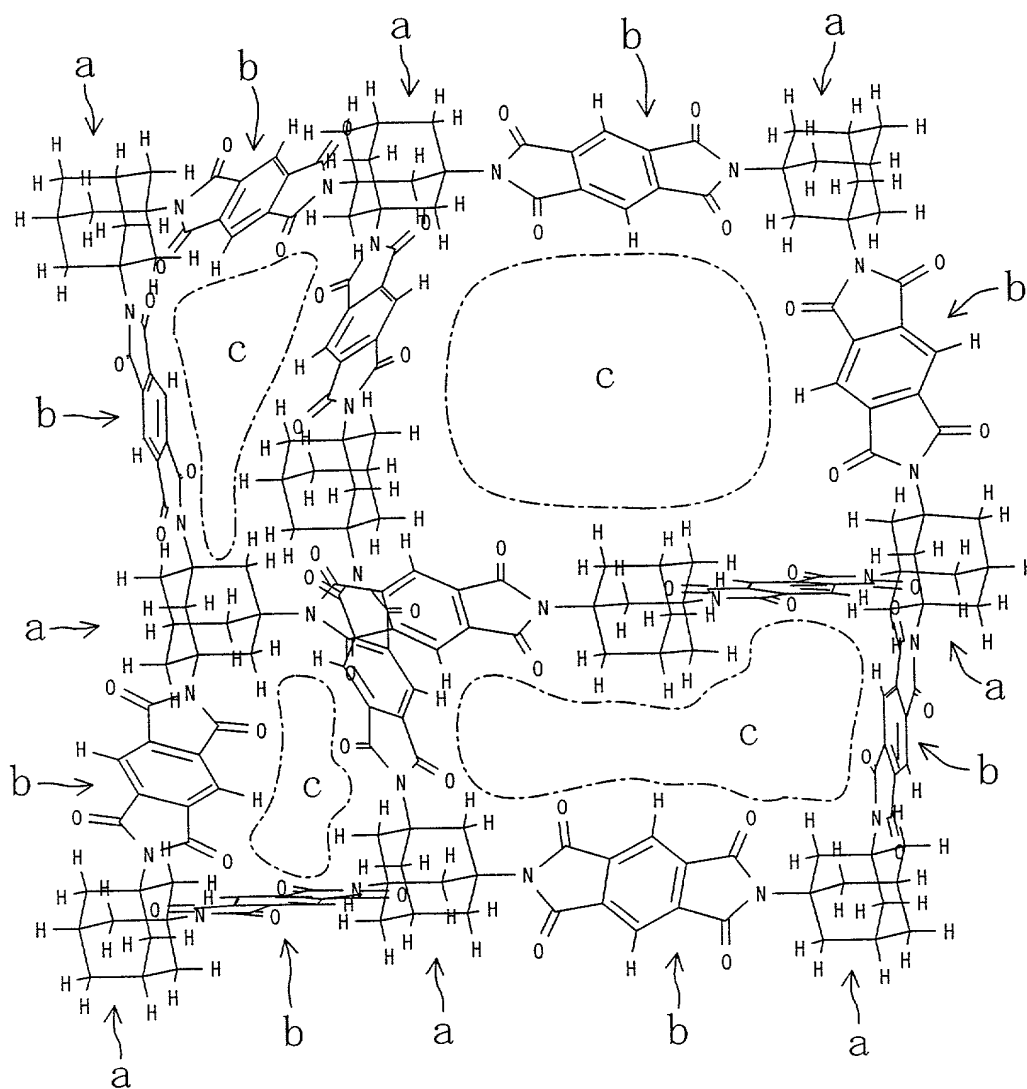
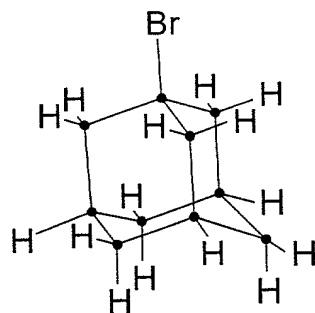
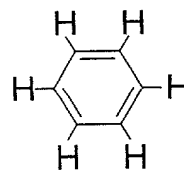


FIG. 4A

1-Bromoadamantane

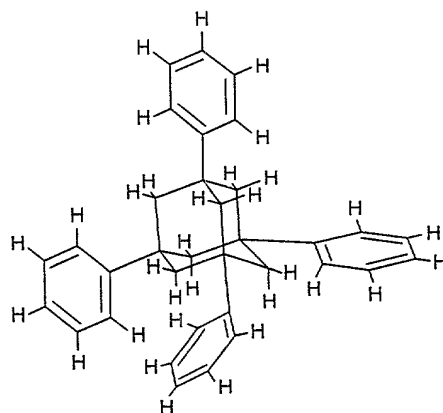


+



\downarrow AlCl_3

1,3,5,7-tetraphenyladamantane



\downarrow I_2

1,3,5,7-tetrakis(4-iodophenyl)adamantane

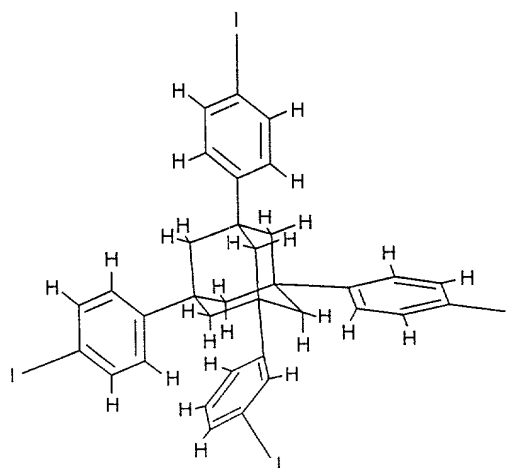
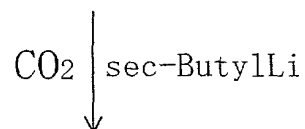
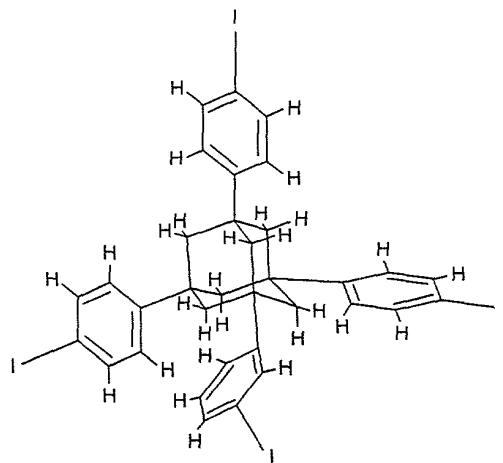


FIG. 4C

1,3,5,7-tetrakis(4-iodophenyl)adamantane

FIG. 5A



1,3,5,7-tetrakis(4-carboxylatophenyl)adamantane

FIG. 5B

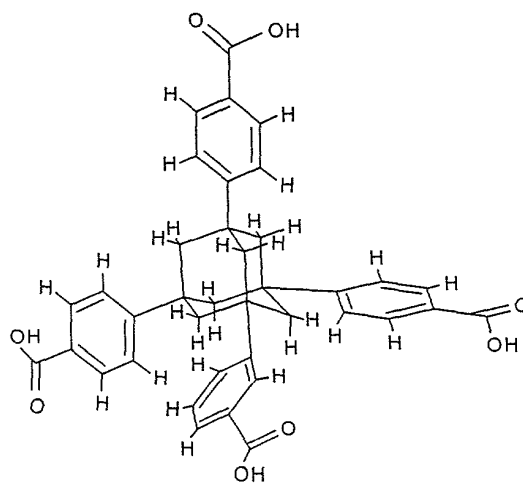


FIG. 6A

1,3,5,7-tetrakis(4-carboxylatophenyl)adamantane

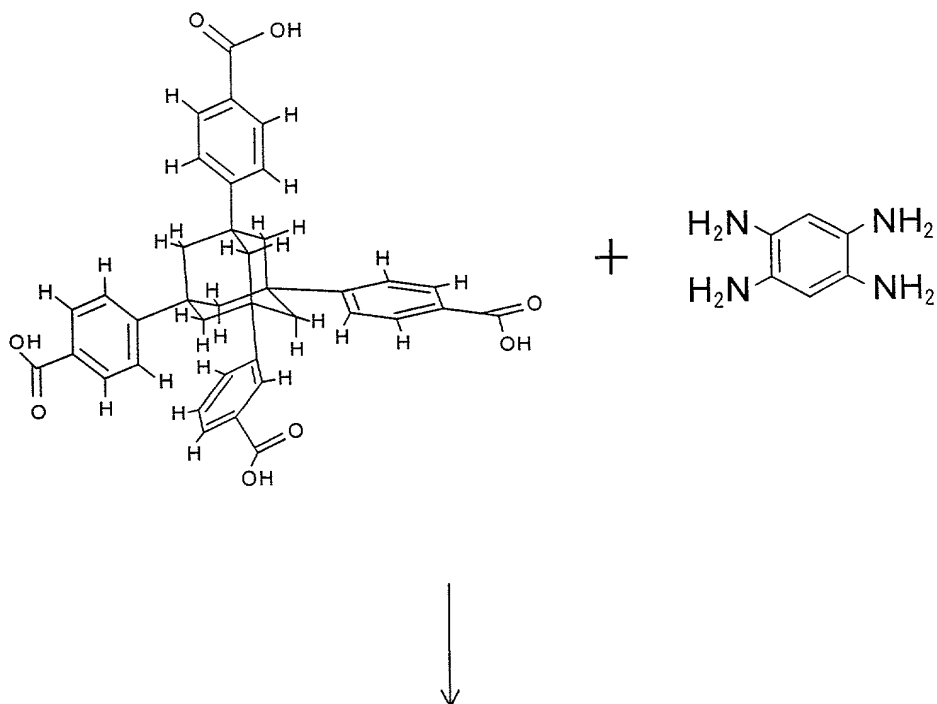


FIG. 6B

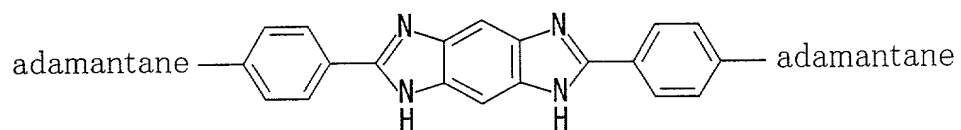


FIG. 7

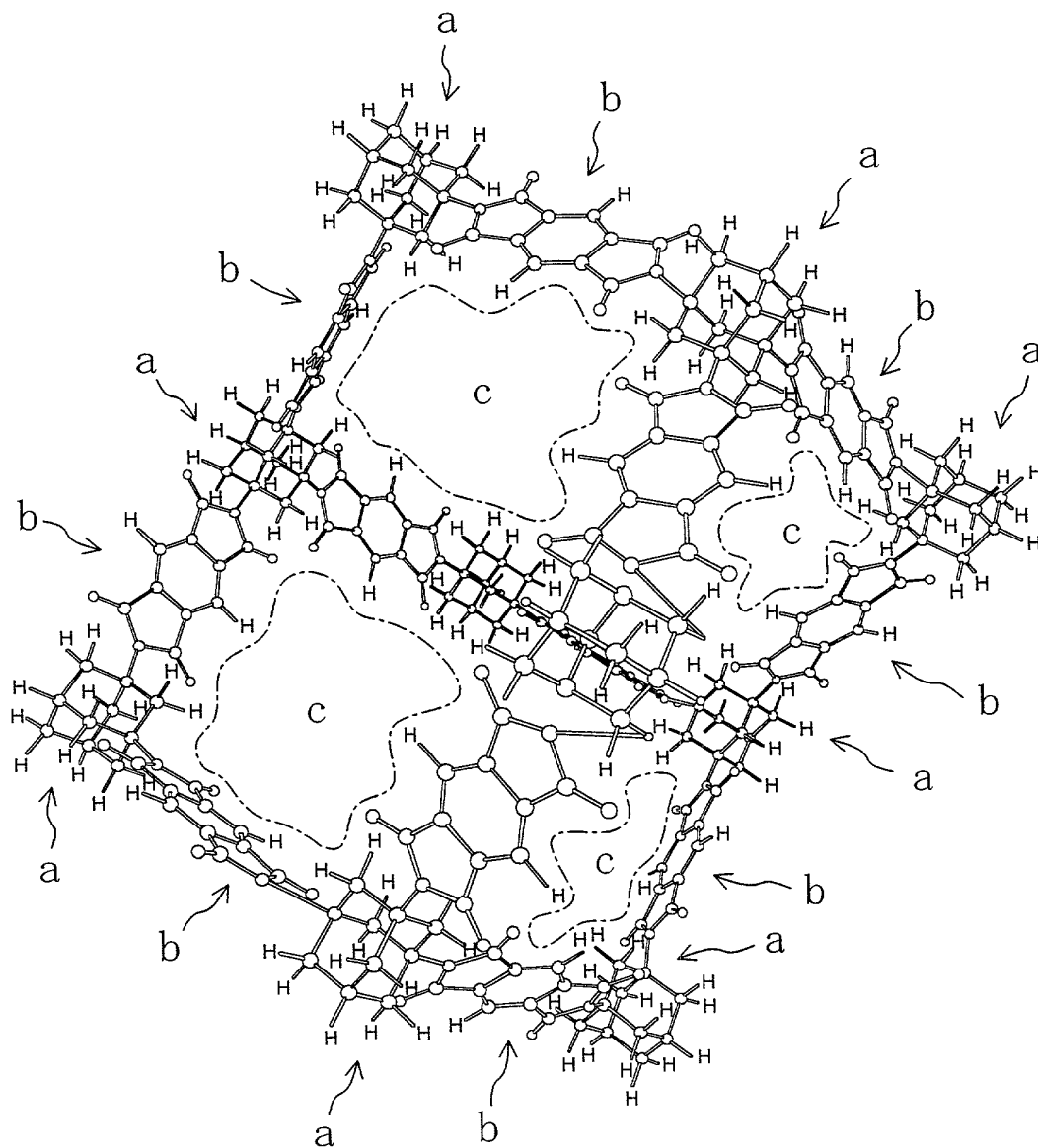


FIG. 8A

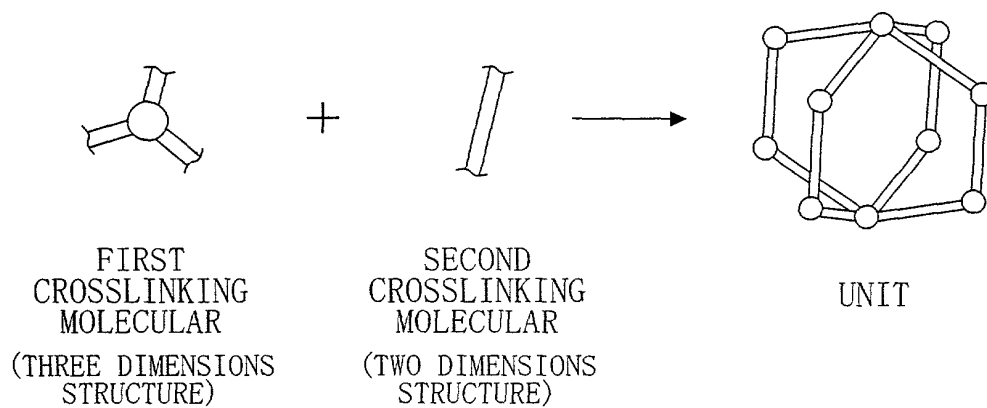


FIG. 8B

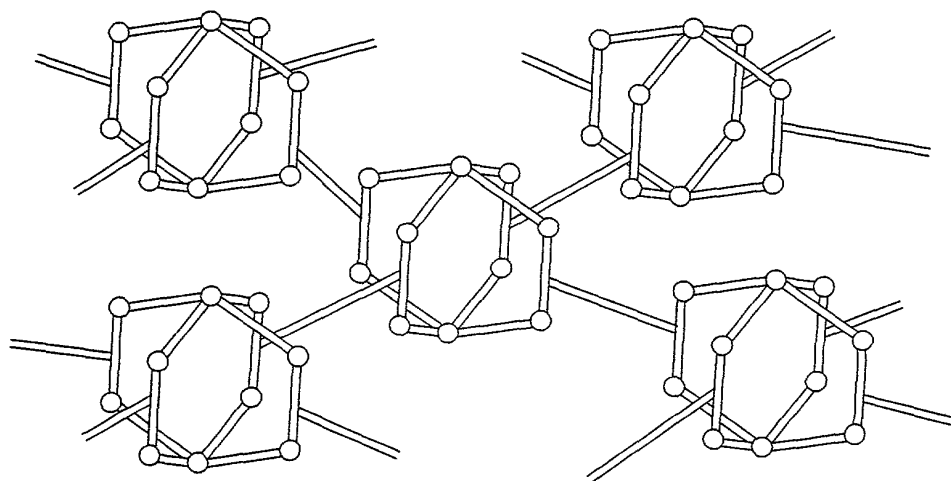


FIG. 9A

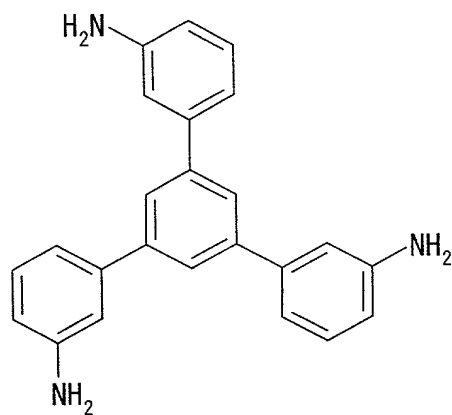


FIG. 9B

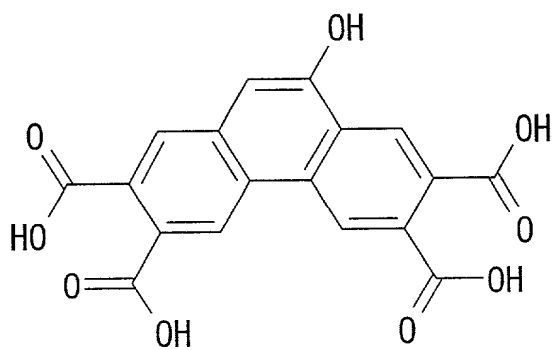


FIG. 10

a

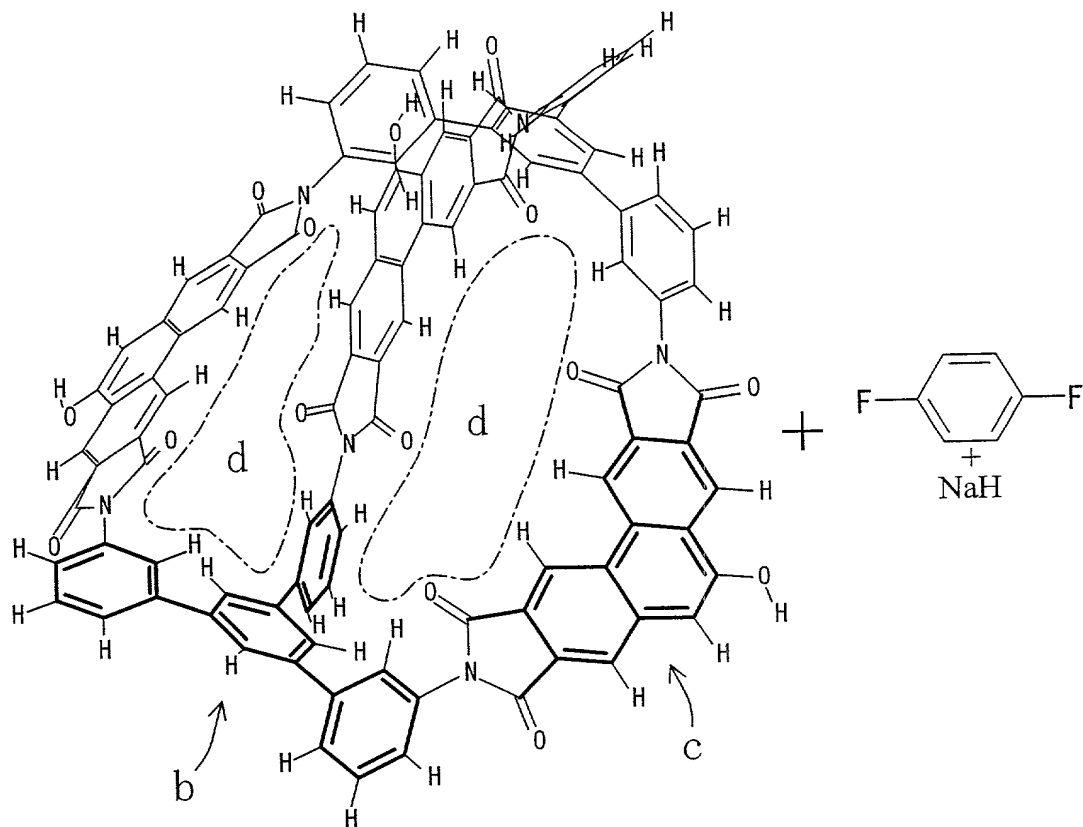


FIG. 11

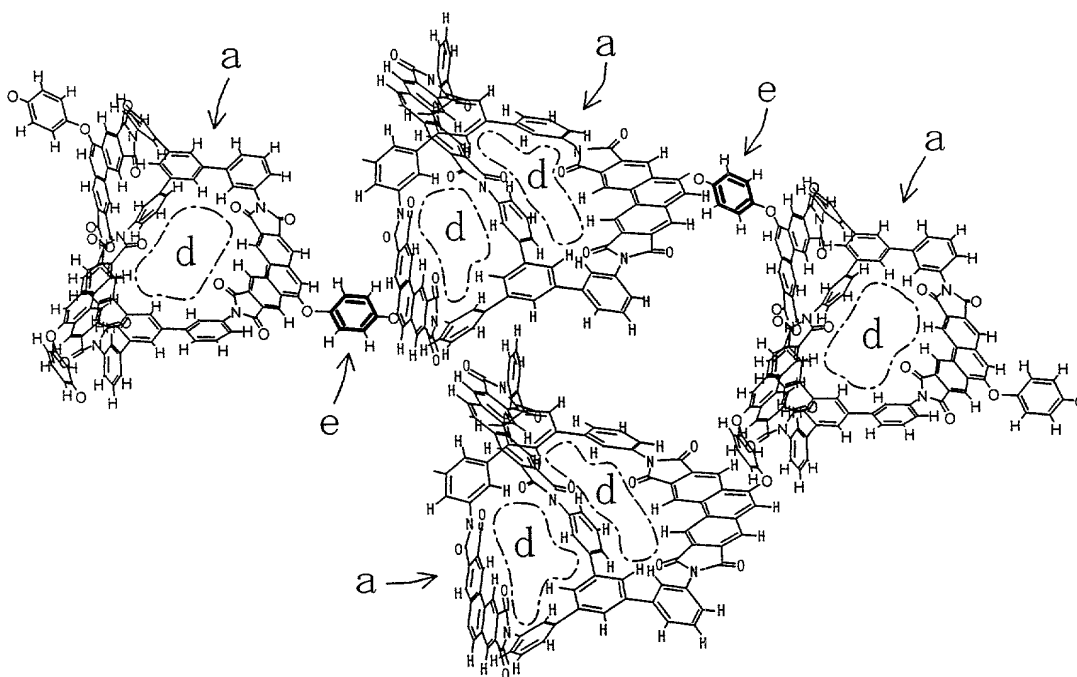


FIG. 12A

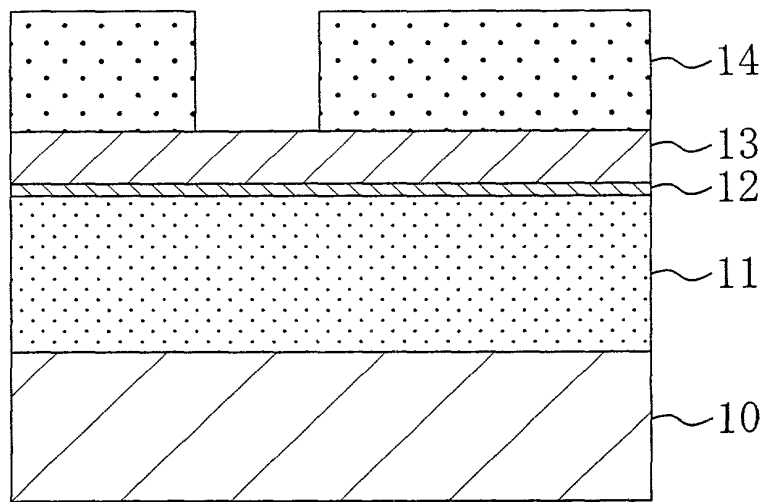


FIG. 12B

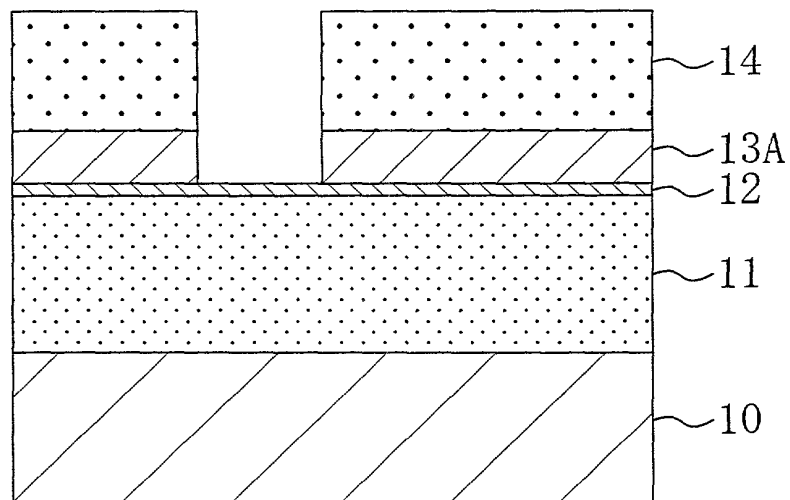


FIG. 12C

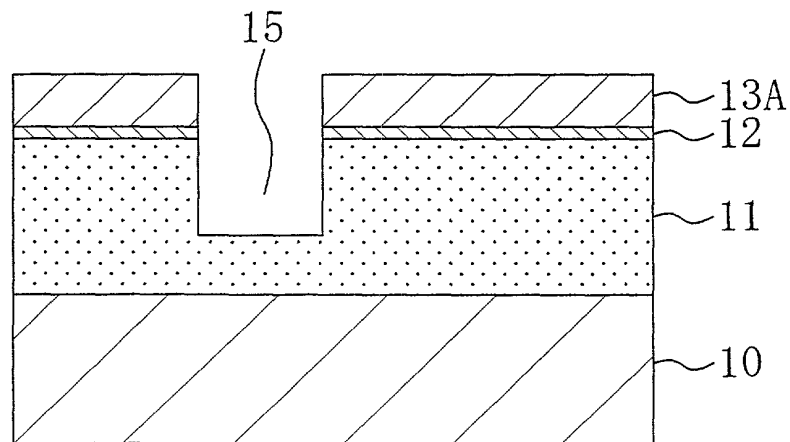


FIG. 13A

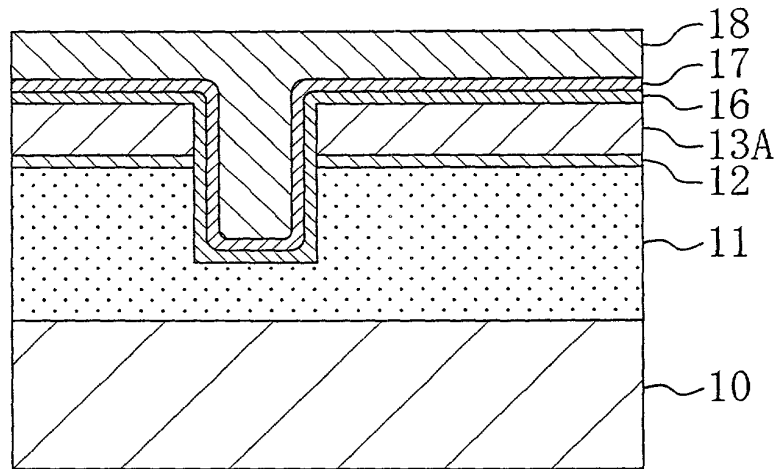


FIG. 13B

